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Cover: The cover photograph shows an autoradiography of a frontal cryostat section through a *Drosophila melanogaster* head incubated with a [^{125}I]-sex-peptide pheromone. The antennal nerve is strongly labeled (= "eyes". "Ears" = compound eyes of the fly, "snout" = cuticular structures of the proboscis). See article by Ottiger et al., pages 57–71 of this issue.

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Cover: The actin (red) and microtubule (green) cytoskeleton of an Aplysia bag cell neuron growth cone. Forscher Laboratory—Dept. of MCDB, Yale University. See Suter and Forscher, pages 97–113 of this issue.

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Cover: Adult *albino* zebrafish (*Danio rerio*) were subjected to constant darkness for seven days, followed by constant light for 24 hours. Frozen sections of their retinas were double labeled with polyclonal antisera generated against the red and green opsin proteins that are present in the double cone outer segments (red and green fluorescent signals, respectively). The constant light treatment results in the double cone cells displaying shortened outer segments and the mislocalization of the red opsin protein to the photoreceptor synaptic pedicles. See Vihtelic and Hyde, pages 289–307 of this issue.

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